/27 cont./

304 184 too, one meets adults who have not suffered the mutilation. In southern Mato Grosso the pierced lip is considered the principal mark of distinction of the Kayová (also called there Tembekuá, "pierced lip") in contrast to the Ñandéva; the Kayová ridicule the latter as having "the face of a woman."

304 [177] [189] Among the Ñandéva of the Paulista coast, the group most influenced by the caboclo culture, the women pierce the ear lobes for the use of earrings. An Indian of this group also spoke to me about tattooing, for magical purposes, on both arms; nevertheless I did not observe any individual with marks of this nature.

302 [192] Few women wear the hair short; most of them let it fall loosely to their shoulders. The Mbüá woman, upon cutting the hair, divides it transversally over the crown, gathering it into two knots (odjíadjókuá), one over the forehead, the other at the nape of the neck; when the hair grows out again, the transversal division disappears, and only one knot is made in the region of the occiput. The Ñandéva women of the São Paulo coast like to make one or two long braids, which also may be observed as an exception among the Mbüá of this region. One young Ñandéva woman of the village of Itariri even used permanent waving, besides painting herself with rouge and lipstick. The men of the various groups have already adopted the haircut common among the caboclos, except for some /28/ of the more conservative Kayová, who keep the traditional hair-style: the hair falls down to the eyebrows in front and is also cut horizontally in the occipital region. Over the hair thus combed with a comb of splinters of bamboo, the paí, or religious leaders, wear the djeguaká, diadem of feathers, which is exclusively an ornament of the male sex in the religious ceremonies. The traditional way of cutting the hair in the shape of a crown is also to be observed among some Kayová women; the others, "more modern," let it grow longer.

[30] [192] [554] [178]

142 182 [147] [482] [164] Cultural influences on the physical appearance are manifested in the development of the arm and leg musculature. The women have stout arms because of the daily use of the pestle. Men and women have very prominent calves because of the long walks

/28 cont./

and owing to the fact that the women have to carry on their backs all the products of the plantings, while the men who work in the yerbales /stands of yerba maté/ of Mato Grosso must carry burdens of hundreds of kilos (the cause, incidentally, of frequent hernias or "ruptures"). The development of the musculature of the legs is also due in part to the almost daily dances in which all the members of the tribe participate.

The birth rate is quite high in all the Guaraní groups. In general a woman has ten to twelve children in the course of her life, but little more than half of them reach adulthood. There are villages in which child mortality is as high as sixty per cent. Yet I also know an old Ñandéva woman who had ten children, eight or nine of whom reached adulthood; this, however, is an exceptional case.

The Guaraní woman wants to have many children. For the purpose of facilitating conception, the Kayová women drink the tea of a plant called membý djá ú djá; they say that it is sometimes enough for a woman to pass near this plant to become pregnant. There is another plant that is used to promote the conception of male children. At least the Kayová and the Ñandéva prefer male offspring.

Among the Kayová and Mbbá there is said to be infanticide of twins, and the strangulation of crippled children is also said to occur. But, with respect to the Ñandéva, I have noticed, for instance, a couple with twin daughters, both alive and one of them crippled; at Araribá I knew a Ñandéva family with twin children of the male sex. The different attitude toward twins is based, perhaps, on the great diversity of mythical representations in this respect. In the Kayová villages and among the Ñandéva of Jacareí I found dull and senseless individuals, who, incidentally, were treated with special affection. The father (Kayová) presented one of them to me as Tüpã rymbá, /29/ "created by God," that is, conceived without there having been any sexual relations between the couple, and sent as a substitute for an earlier child that had died.

/41 cont./

292 778 In more than one village I saw that the crosses used by the doctor-sorcerers during the religious dances are clothed in the ponchito, a fact for which I have not found a satisfactory explana-
[177] tion. Perhaps there is influence from the mole of Paraguay and many regions of rural Brazil, common on the crosses of the Kayová and Ñandéva graves of southern Mato Grosso. Or is the idea of a personification of the cross linked to this ponchito?

291 /42/ But, aside from the ponchito, the Kayová are also familiar with the common poncho. The handsome red woolen
[192] poncho of industrial manufacture -- the pytĩ or puitĩ of the rural
[435] populations of Paraguay and even of southern Mato Grosso -- is one of the great aspirations of every Kayová, but inaccessible for his purse (it costs about four hundred cruzeiros). In the village of
[192] Dourados there were two Kayová who possessed a poncho made from sheep wool (ovetuá ragué), both made by women of the tribe. The larger one measures two meters long and 90 centimeters wide, being provided with fringes on the narrow sides; it is made of coarse threads of grayish wool and on each side has two dark bands very close to each other, which give it a very distinc-
[428] tive touch. The poncho belonged to the chief of the post, who had inherited it from his father. The second specimen is much smaller; it is barely 110 centimeters in length, with an average width of about 75 centimeters; it is also of grayish wool, having in the central part a dark stripe of about 20 centimeters. The Indians told me that in both ponchos the light wool as well as the
[171] dark is of natural color. Woolen ponchos also occur among the Chaco Indians.

A complementary piece of male Kayová garb, although of much
[192] more recent origin, is the aparato (corruption of "alpargata"), a
[177] sandal of leather with rubber soles, which the men make from automobile tires. A good present for a Kayová is a pair of soles of this material, for the aparato, in general use among the yerba-maté workers of the region, is very suitable for working with heavy burdens on the damp and slippery ground of the yerbales. It
[482] is to be noted that the yerba-maté worker carries on his shoulders
[147] up to thirty Paraguayan arrobas or three-hundred kilos of

/42 cont./
291 yerba maté (1).
[482]
[147]
[171]

1. /From p. 44 of the original source./ This type of sandal is also used by the Indians of the Andean regions. Cf., for example, Karl Schmid, 1951, p. 78.

[178] The traditional attire of the Kayová women seems to have disappeared completely. According to a description obtained at Amambai, it consisted of two pieces, the tupái and the váta. The tupái, made of "four meters" of cloth and closed by means of a lateral seam, corresponds to the men's txiripá, having more or less the same length. The Indian woman "throws it" around her waist in the manner of a skirt, and in such a way as to cover the front of the body in three layers. It is not fastened with txumbé, but s[illegible] [286] simply by a fold of the upper edge. For making it only coarse cotton cloth was used, woven by the women themselves or of [192] industrial origin. The váta (from "bata"? /Port. bata, "dressing gown"/) is a blouse with sleeves, which falls to the waist.

291 178 Inasmuch as the Kayová women never conduct religious ceremonies, and therefore do not use ceremonial garments, it is understandable that the female garb disappeared more quickly than that of the men. /43/ The ponchito and the txiripá could survive longer, because they were connected with functions important for the life of the collectivity.

291 [192] Among the more northerly Kayová I have not heard any references to the female garb of two pieces, but to the typói, a sort of cotton sack, which falls to mid-calf, having three openings in the upper part, one for the head and others for the arms. Tupái and typói are, perhaps, variants of the same primitive garment.

291 184 Although on the way to disappearing, the relatively rich clothing of the Kayová contrasts with that of the Ñandéva and the Mbbá.

Among the Ñandéva of the coast one no longer sees any piece of the traditional clothing. Those of Mato Grosso wear, as we have seen, the txumbé and, rarely, the txiripá, similar or equal to those of the Kayová. The ponchito, however, seems always to have

2: Schaden--55 E-4, 5 (1946-1954) 1962 SM4 Guarani SM4
Mbũa
Ñandéva

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IV. Carrying-baskets of the Guaraní women.
1. Mbũá. 2. Ñandéva.

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V. Clearing of a Ñandéva-Guarani family from Dourados.

3:Watson E-4,5 (1943) 1952 SM4 Guarani SM4

ner which could hardly have been possible without the machete. *Taquara* "boards" have no convenient application in connection with the older style of house, the *tapúi*. But they are more often than not used in building the smaller, individual family houses of the present day, which are peculiarly adapted to their use (see below, pp. 84–85).

The use of canoes by the aboriginal Cayuá has been mentioned, although it is not borne out by their employment or manufacture at the present. If canoes were formerly used, the lack of them now would seem in some way related to acculturation and hence deserves mention here. Without canoes, the Cayuá do not travel extensively by families or groups. What travelling they do is done on foot—or individually by horse, in the case of a very few who own them. Although they may have been only slightly less sedentary aboriginally than now, it is probable that with canoes the Cayuá were formerly able to range much farther afield (or astream), using their villages as bases.

The ceramic art barely survives at Taquapiri. None of the younger women is learning to be a potter, and there are only four remaining potters among the oldest women. Of the four only two have recently made or intend to make any pottery in the near future, and even with them its manufacture is very irregular. Many of the girls and young women have never even seen pottery being made nor apparently expect to. The iron kettle and the tin can have almost entirely usurped the former place of pottery, and by far a majority of the households possess no pots of clay whatever. The woman's pipe, formerly of either wood or clay, tends to be of wood alone today. The conventional water gourd, and gourds and armadillo shells for other types of containers, however, have not declined in use. As a matter of fact, the gourd as a water vessel is quite practical and is to be found in not a few of the Neo-Brazilian households of the region. This continued use of gourds may derive some indirect advantage from the fact that gourds are also raised for use as *mbaraká*, ceremonial rattles, which are far from waning in importance.

Men's carrying bags or containers for personal objects, *mbokói* (?), differ from the aboriginal ones; nor are they now usually objects of the native weaver's art as formerly. Men's double carrying bags of store cloth, something like small saddle bags, are slung over the shoulder, with one pocket hanging in front and one at the back. They constitute an exclusively male method of carrying, but are only occasionally worn, however. For small personal objects the only container observed was a little leather pouch, probably Cayuá-made, fastened at the belt, and used by boys and men.

Clothing, except for men's belts, is now entirely of store cloth. It is home sewn (with trade needles and thread), and the styles are typically Cayuá. Presumably they reflect the style of army uniforms at one time issued to the Indians. Thus men's trousers are apparently modelled on original military or riding breeches, since forgotten, which fit closely at the knee. Even in the

3: Watson E-4,5 (1943) 1952 SM4 Guarani SM4

[P. 146]

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FIG. 6. Recently fired *kokué* with beans coming up amongst the fallen and charred trunks.

FIG. 7. In a *kokué*, making holes for planting cuttings of manioc. Hoe is the heavy type universally used.

FIG. 8. Woman planting corn with digging stick (*aovahwé*). Hole just made is at her feet. Four or five (but always the same number) grains are dropped in, taken only from middle of the ear. In the background, a bamboo grove.

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FIG. 9. Woman returning from clearing in forest (*kokué*) with back basket (*adjaké*) loaded with produce. In her right hand she brings firewood, in her left is the worn-out machete she uses to harvest with. Note tumpline on basket.

FIG. 10. Four women pounding corn in coordination. As many as five sometimes do this. The occasion is the preparation of *cauí* for a village-wide drinking fest to be held in about three days.

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5: Métraux E-4 (no date) 1948 SM4 Guarani SM4

501 [171] rivers. They propel these craft with poles. The *Cayuá* of Brazil, who reside near larger streams, are good boatmen and travel a great deal in large dugouts, 8 to 12 feet (2.5 to 3.5 m.) long.

•489 [285] **Carrying devices.**—Goods are carried in cylindrical or rectangular twilled baskets, reinforced with a wooden frame. *Paĩ'* carrying baskets are relatively extensible and are made of intertwined pindo leaves, the midribs strengthening the whole structure. Carrying nets made of bark [171] strips were clearly introduced with the maté industry. The *Guaraní* skin [178] bag is certainly older than the net and appears to be an article that originated locally or was borrowed from tribes to the south.

482 854 Babies are ordinarily carried in a sling, straddling their mothers' hips, but they may be transported in baskets or in skin bags.

MANUFACTURES

285 [824] [531] **Basketry.**—The *Guaraní* weave temporary baskets of the pinnae of pindo palms, the midrib serving to reinforce the rim. More permanent containers are made of twilled fabrics of tacuarembo strands. They are ornamented with black, geometrical motifs.

283 [824] **Spinning and weaving.**—Thread is made of cotton carded with a bow, or of *Bromelia*, nettle (*Urera grandifolia*), and palm (*Acrocomia totai*) fibers.

286 [283] [531] [386] [824] [178] [177] Cotton is spun with a drop spindle and woven on a vertical loom with a circular warp. Cloth is generally white with alternate brown and black stripes, dyed with the bark of *Peltophorum dubium* and *Trichilia catigua*. The technique of darning weft strands through warp elements attached to a vertical loom, though it has been observed in modern times, was probably an early practice abandoned when true weaving became general, probably through *Arawak* influence.

323 178 **Pottery.**—*Guaraní* ceramics are known through archeological finds in São Paulo, Rio Grande do Sul, near Asunción in the Argentine territory of Misiones, and on the island of Martín García. The largest specimens are funeral urns, which also served as beer containers. Small dishes and bowls have a white interior slip which bears sigmoid figures, curves, triangles, mazes, and "grecques." The large jars and ordinary ware have continuous rows of thumbnail or other impressions over their entire surface. The *Caingué*, who have practically given up pottery, make only a ware that is decadent in quality and shape. Bowls with a flaring base ("compotera" types) may perhaps be a survival of a pre-Columbian type.

415 **Leather work.**—The *Caingué* carry their small possessions in skin bags.

411 524 **Weapons.**—*Caingué* bows are made of palm wood, guayaihwi (*Patagonula americana*), or ihvira payú, ihvira pepé (*Holocalyx balansae*). They are 6 to 8 feet (2 to 2.5 m.) long, circular or oval in cross section, and entirely or partially wrapped with guembé bark (*Philodendron* sp.)

6: Watson E-4,5 (1943) 1945 SM4 Guarani SM4
Cayua

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226 Cayuá sets traps and snares in and about his *roça* to catch beasts which are preying on the crops.

A type of economic activity now quite important in a good number of cases is that which the Cayuá call by the southern Brazilian colloquialism, *changuear* or *changar*, which means to hire oneself out to another for payment in money or in kind — in effect, a sort of peonage. This is the strongest point of economic contact of the Cayuá of Taquapiry with the neighboring whites, for many of whom the Indians work for several weeks or even months out of a year, making *roças* or in the production of *herva mate* (Ilex paraguayensis). (Mate is one of the most important and characteristic products of the region for the Brazilian inhabitants.) Peonage is somewhat seasonal and occasional for most of the Cayuá, although a few men manage to spend rather extended periods of time away from the village during many parts of the year. Although perhaps fewer individuals work for whites than hunt and fish, as a rule more time is spent in such service by those who work this way than is spent in hunting and fishing. A large number of individuals practically never serve as peons, however, and others do such work only very irregularly. Peonage is probably the most direct and obvious way of getting those things for which the Cayuá have come to depend upon the whites, knives and machetes, cloth and thread, salt, soap, iron pots, cooking grease, meat, hats, etc. There is very little demand for the products of the Indians themselves, other than for their mere labor, and in such crude and unorganized markets as can be said to exist for the sale of Indian products the Cayuá almost inevitably come off second best at the hands of their white neighbors.

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The most important parts of the woman's role in Cayuá economy, beyond her ubiquitous household tasks of cooking, cleaning, and tending children and chickens, are those related to agricultural activities. Woman is the burden-bearer *par excellence* of the Cayuá. The female, through the use of a tumpline carrying basket, constitutes the transportation system of Cayuá economy. The Cayuá woman also assists at many important points in the actual production of food in the *roça*, and can, as far as the division of labor goes, in the case of a widow or a divorcée, do almost any work except the heaviest of agricultural labor. This latter situation is not very frequent, however, and merely serves to show the range of the female economic role

462 [482] [241]

/309 cont./

174 If they were under the authority of a powerful chief, the expedition
167 gained in cohesion and numbers. In no case must one see in
721 these migrations a national movement carried out according to
619 a pre-established plan and involving the whole group of Guarani tribes simultaneously. These Indians, like all in tropical America, have never had a very clear consciousness of their unity, and, even in the face of a common danger, the idea never occurred to them that similarity of language and culture might create a bond of solidarity among them. All the more reason why this individualism of the group or tribe was to manifest itself with particular acuity when a simple pillaging expedition was afoot.

174 The columns of Guarani warriors who penetrated into
721 the Chaco bush doubtless included only a few women. The
167 men advanced, walking in single file, bows and arrows in hand,
22 while several girls followed behind with baskets full of pro-
262 visions on their backs. If these ran out, the men hunted along
[411] the way or fished in the rivers, such as the Pilcomayo if they
[482] were following its course. When game or fish were lacking, they gathered fruit; palm cabbage, algarroba pods, and chañar fruit were there, which provided a substantial diet, but it was still necessary to choose the season when they were
[825] ripe, in order to travel. They watched the flight of bees in order to find honey, and they did not scorn certain insects or
167 their larvae. The problem of water was the only serious one;
721 it was solved by collecting what the caraguatá leaves held at
174 the base; they sucked the root of certain tubers (the /310/
271 sipóy (1) of the northern Chaco) and quenched their thirst at
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[139]

1. This is a Bignoniaceae or Begoniaceae (?). This plant has the appearance of a liana whose bulb is full of fresh water. (Diccionario Chiriguano-Español y Español-Chiriguano, p. 192).

the small ponds encountered on the way.